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**Braking power adjustment method for trailer of
vehicle-trailer combination - determining braking curve from actual
values of variable trailer braking characteristics, determining ideal
curve, and adjusting braking characteristics according to difference**

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19519768 ✓	A1	19961205	DE 1019768	A	19950530	199703 B
SE 9601999	A	19961201	SE 961999	A	19960524	199709
DE 19519768	C2	19970528	DE 1019768	A	19950530	199726
SE 509073	C2	19981130	SE 961999	A	19960524	199903
IT 1284379	B	19980518	IT 96RM305	A	19960506	200004

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Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19519768	A1		13	B60T-008/00	
DE 19519768	C2		13	B60T-008/60	
IT 1284379	B			B60T-000/00	
SE 9601999	A			B60T-008/18	
SE 509073	C2			B60T-008/60	

Abstract (Basic): DE 19519768 A

The method involves a tractor vehicle and at least one trailer. Initially, multiple actual values of variables characterising braking behaviour of the trailer are determined, these variables being for a multiple of braking requirements controlled at the tractor vehicle. A first braking curve is determined from the multiple of actual values of the variable characterising the braking behaviour of the trailer.

A desired braking curve (Zsoll,Zsoll1,Zsoll2) is then determined. A correction value is determined for the braking requirement of the trailer, as the difference between the desired and the actual braking curve (Zist). The braking requirement of the tractor vehicle is thus altered according to the correction value, and the corrected braking requirement of the trailer is controlled.

ADVANTAGE - Braking pressure of trailer is controlled optimally as quickly as possible, depending on braking requirements for the entire vehicle-trailer combination.

3a,3b,3c,3


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Title Terms: BRAKE; POWER; ADJUST; METHOD; TRAILER; VEHICLE; TRAILER;
COMBINATION; DETERMINE; BRAKE; CURVE; ACTUAL; VALUE; VARIABLE; TRAILER;
BRAKE; CHARACTERISTIC; DETERMINE; IDEAL; CURVE; ADJUST; BRAKE;
CHARACTERISTIC; ACCORD; DIFFER

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